

FIGURE 1

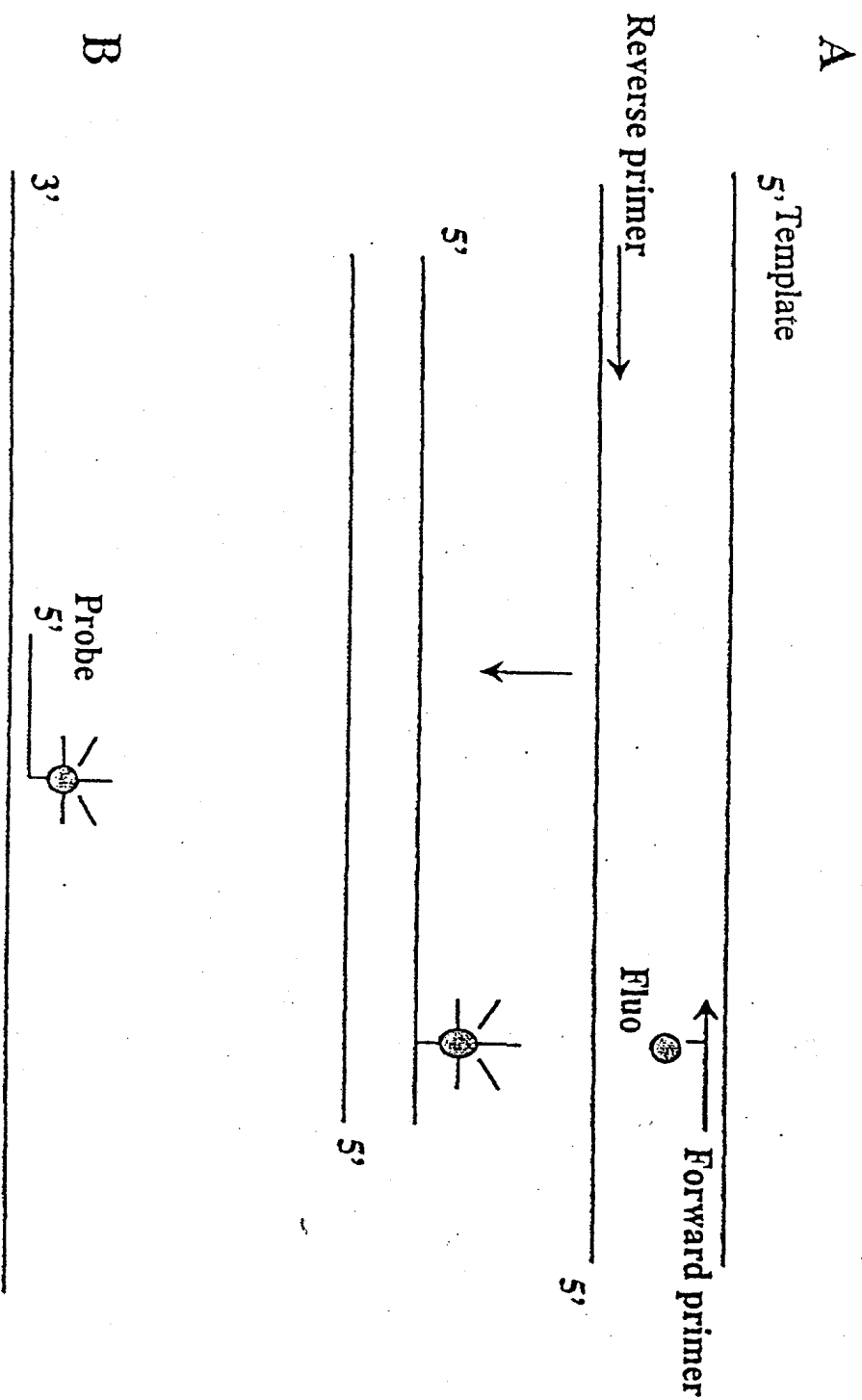


FIGURE 2

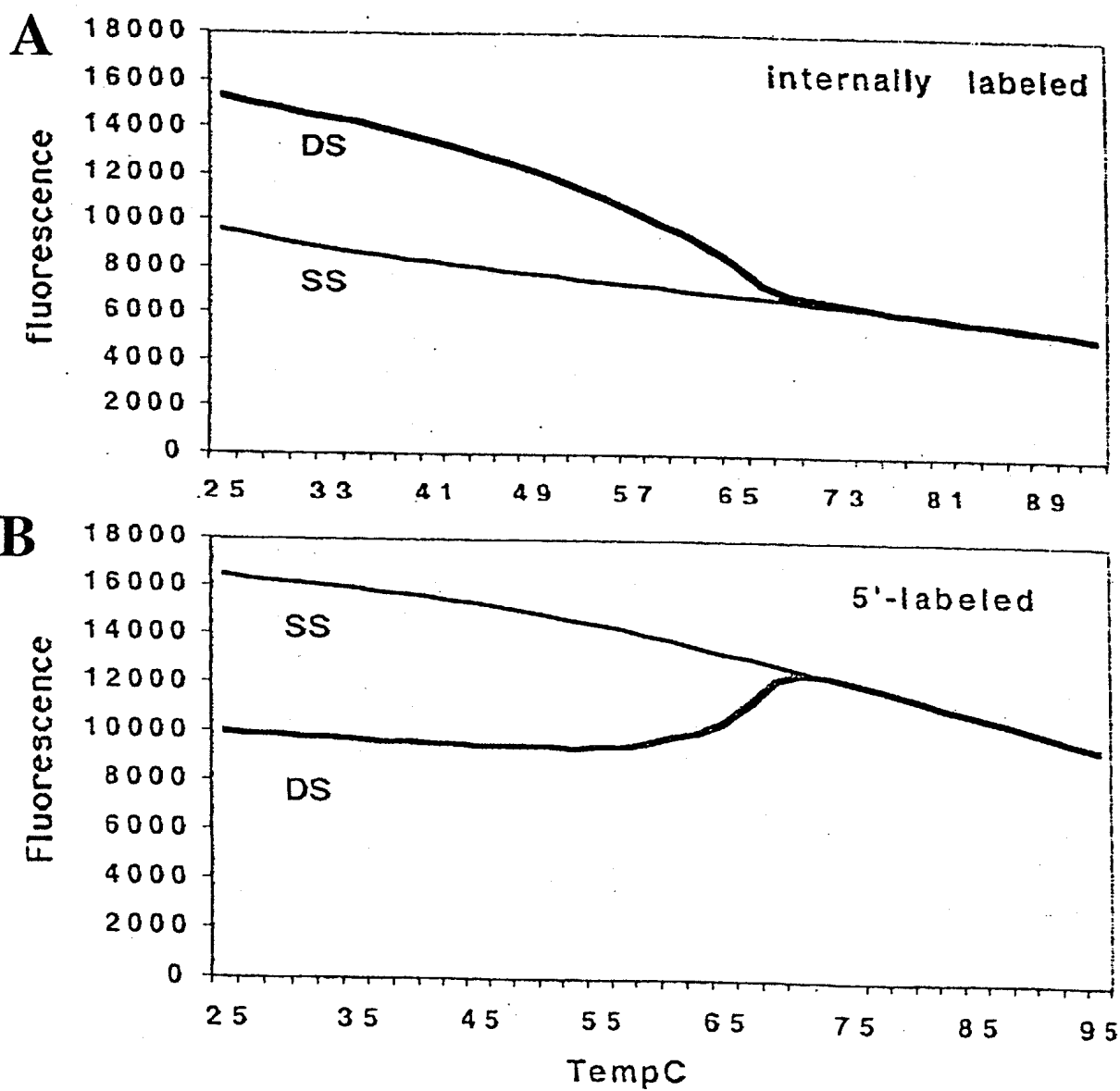


FIGURE 3

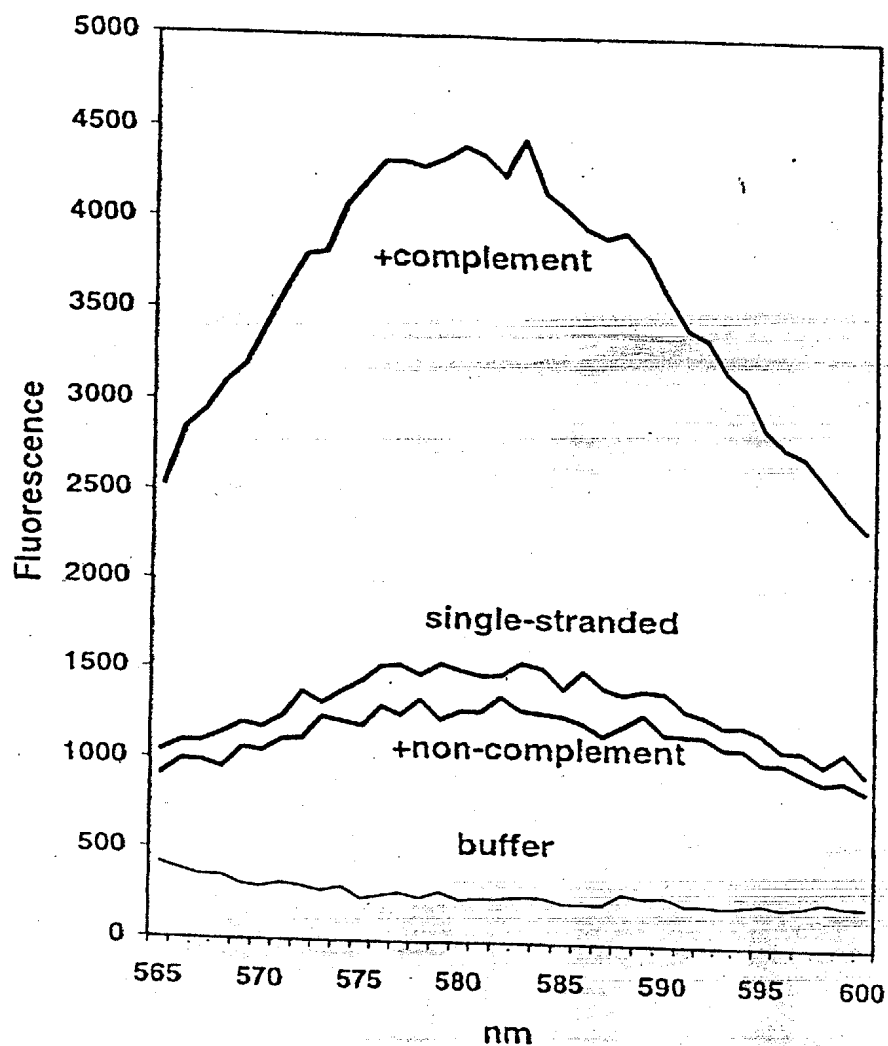


FIGURE 4

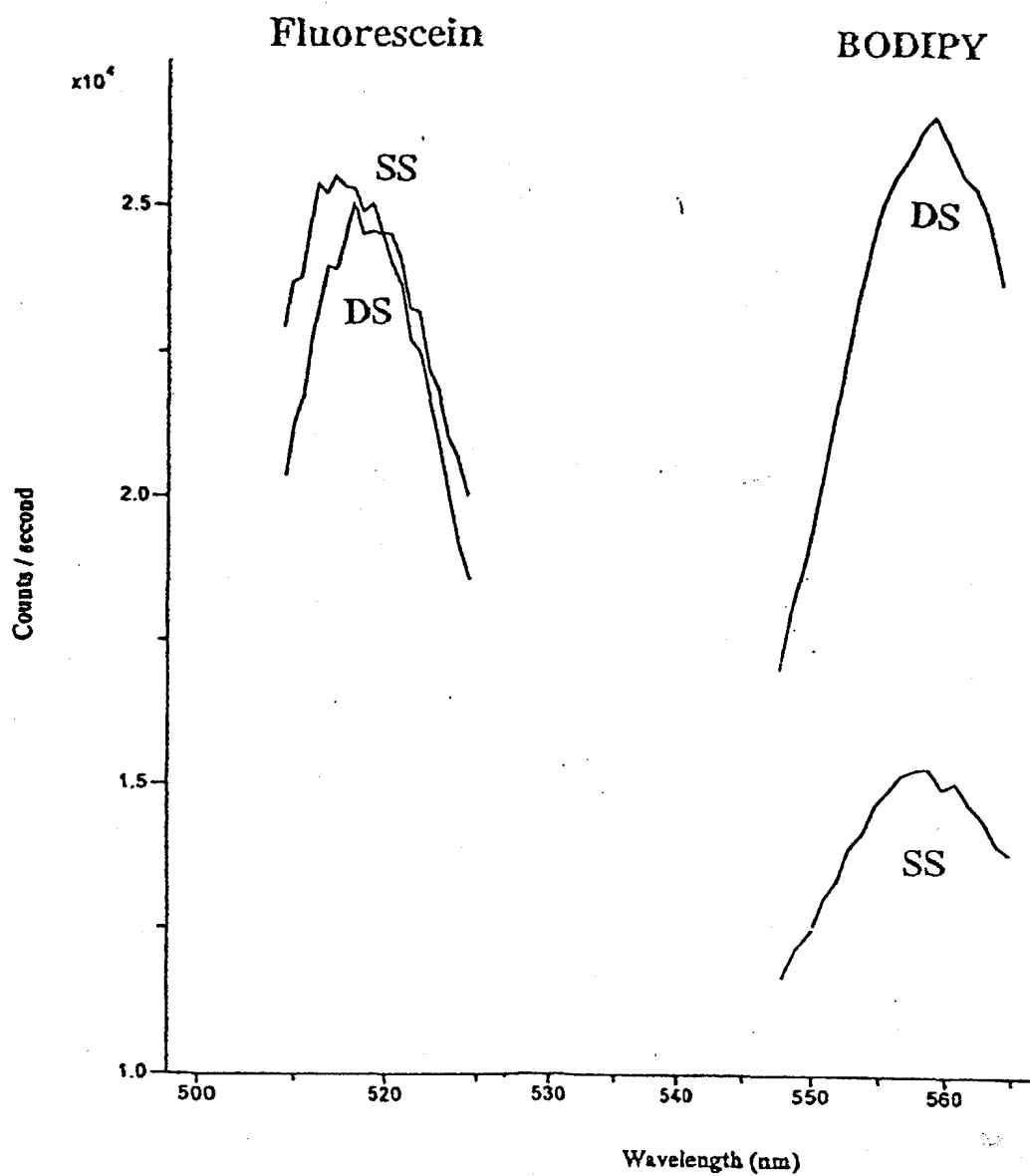
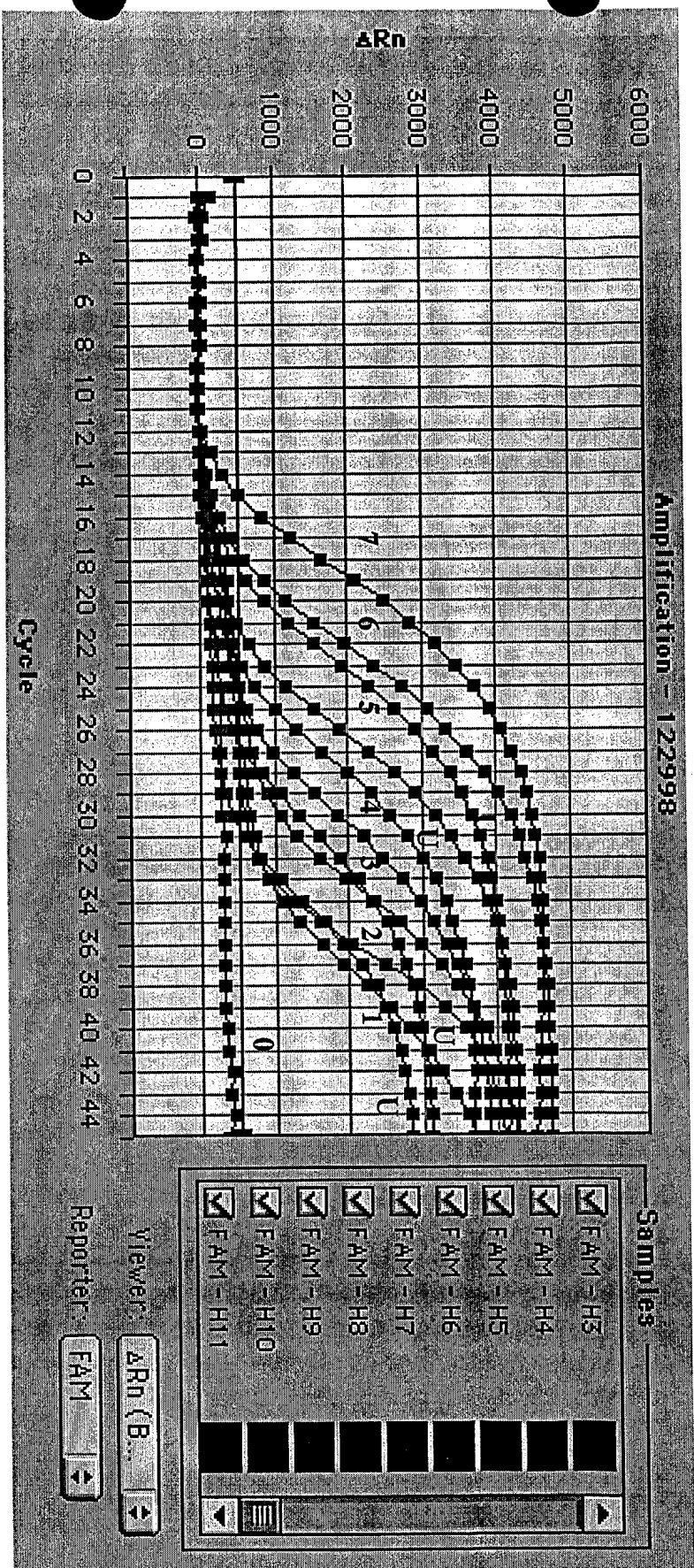


FIGURE 5A



of target copies: 0 10 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ Unknown

FIGURE 5B

Threshold Cycle Calculation

Threshold

Use Threshold: 505.0

Suggest

Mult. x Stddev: 10.0

x 14.012

Omit Threshold: 2.0

Base line

Start: 4

Stop: 12

Update Calculations

	CI	Std Dev
FAM - G1	45.000	13.424
FAM - H1	30.459	23.908
FAM - H2	26.266	18.654
FAM - H3	22.661	14.066
FAM - H4	18.267	18.699

FIGURE 5C

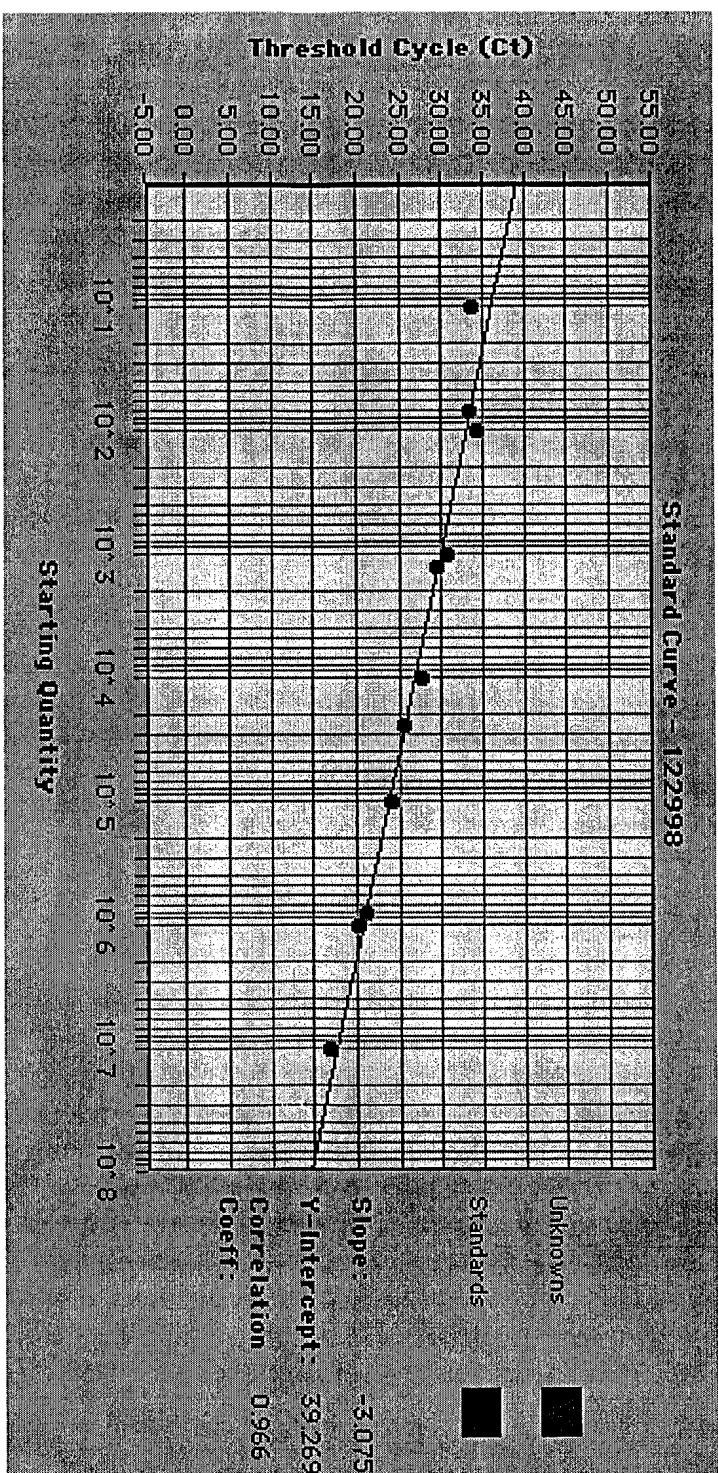


FIGURE 6

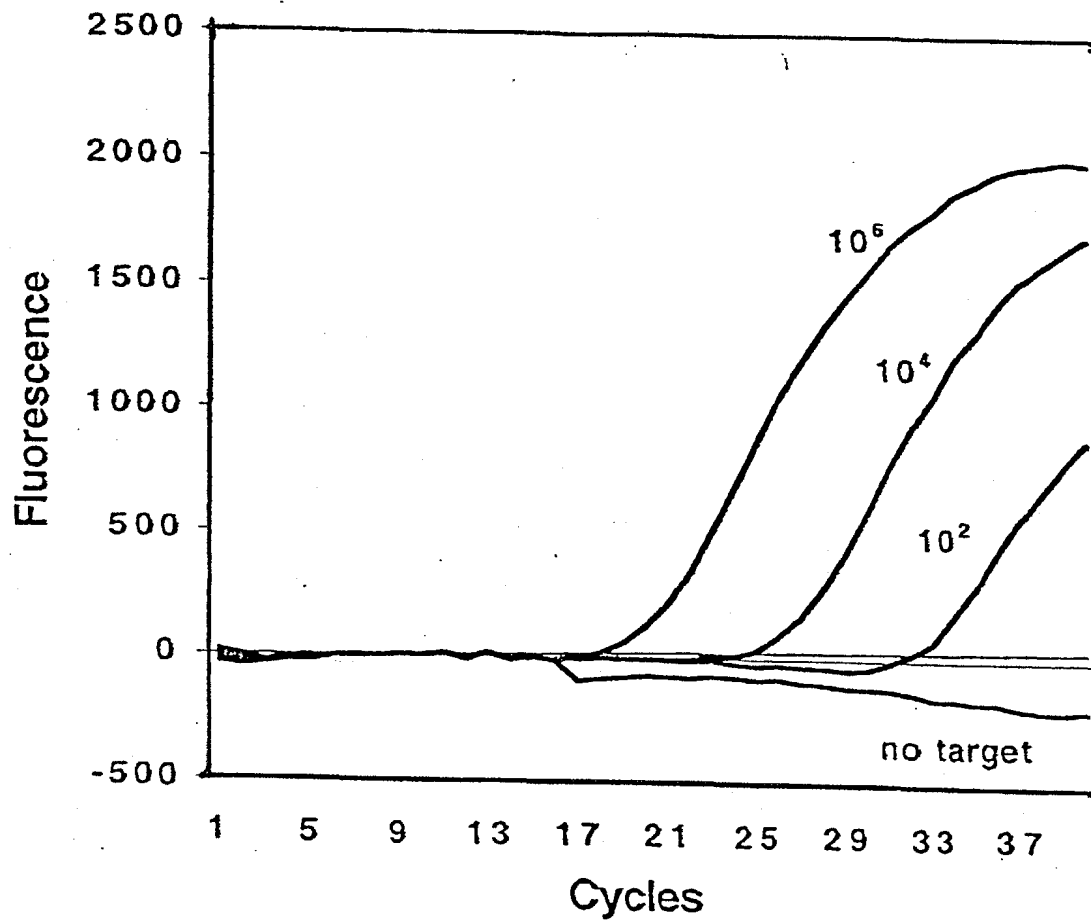


FIGURE 7

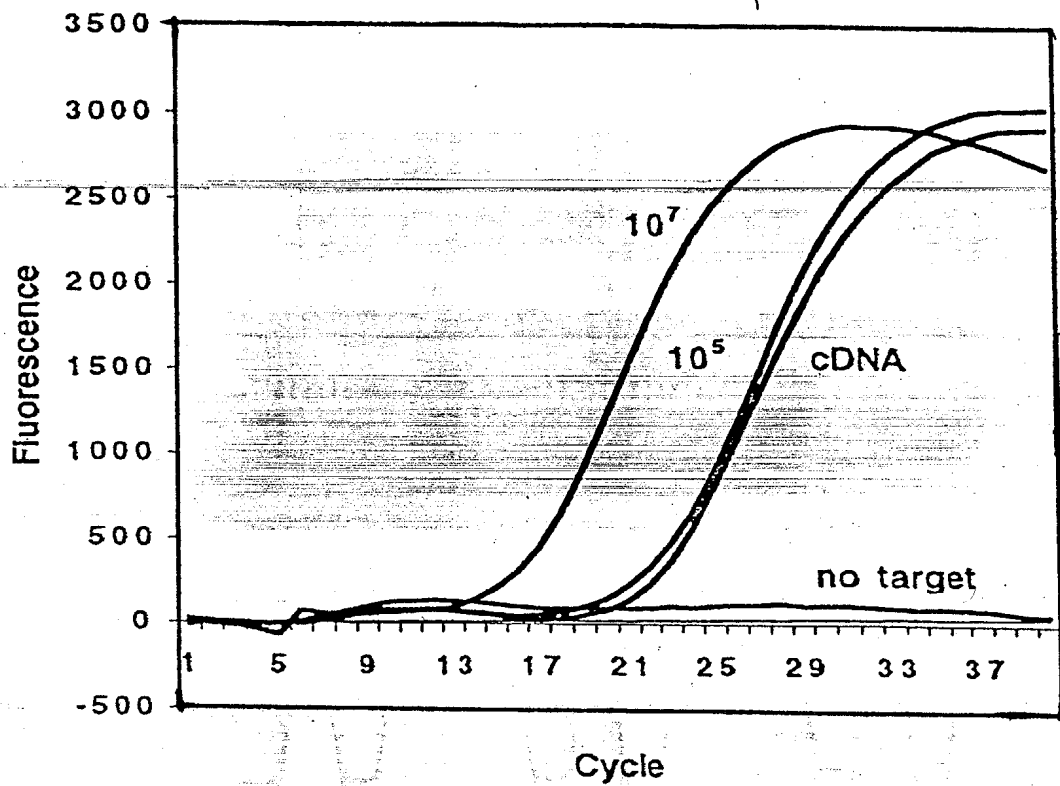


FIGURE 8

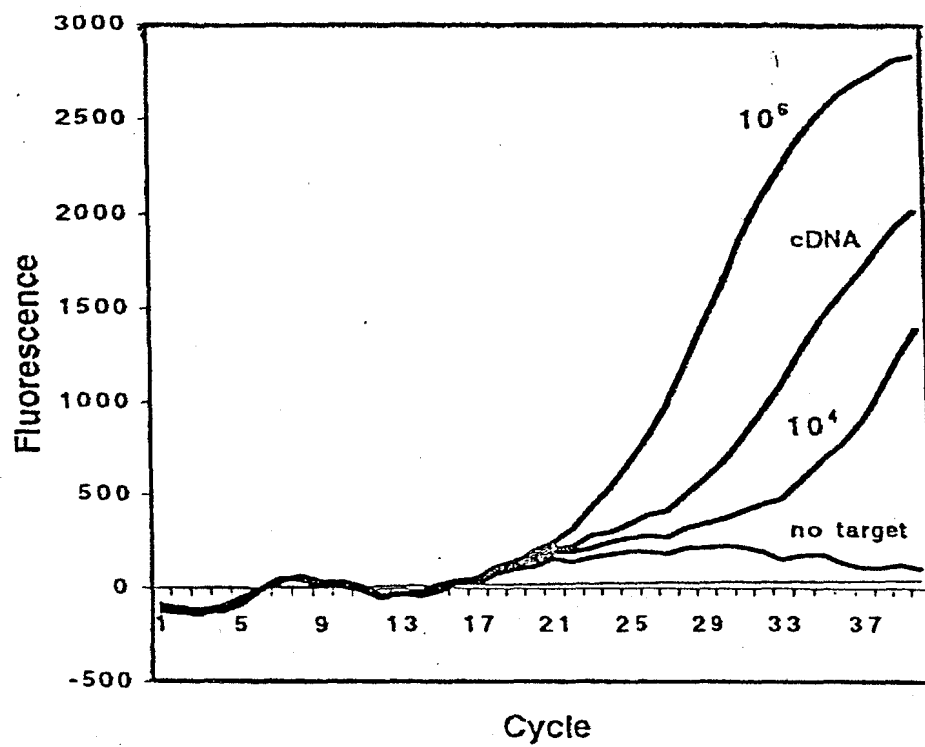


FIGURE 9

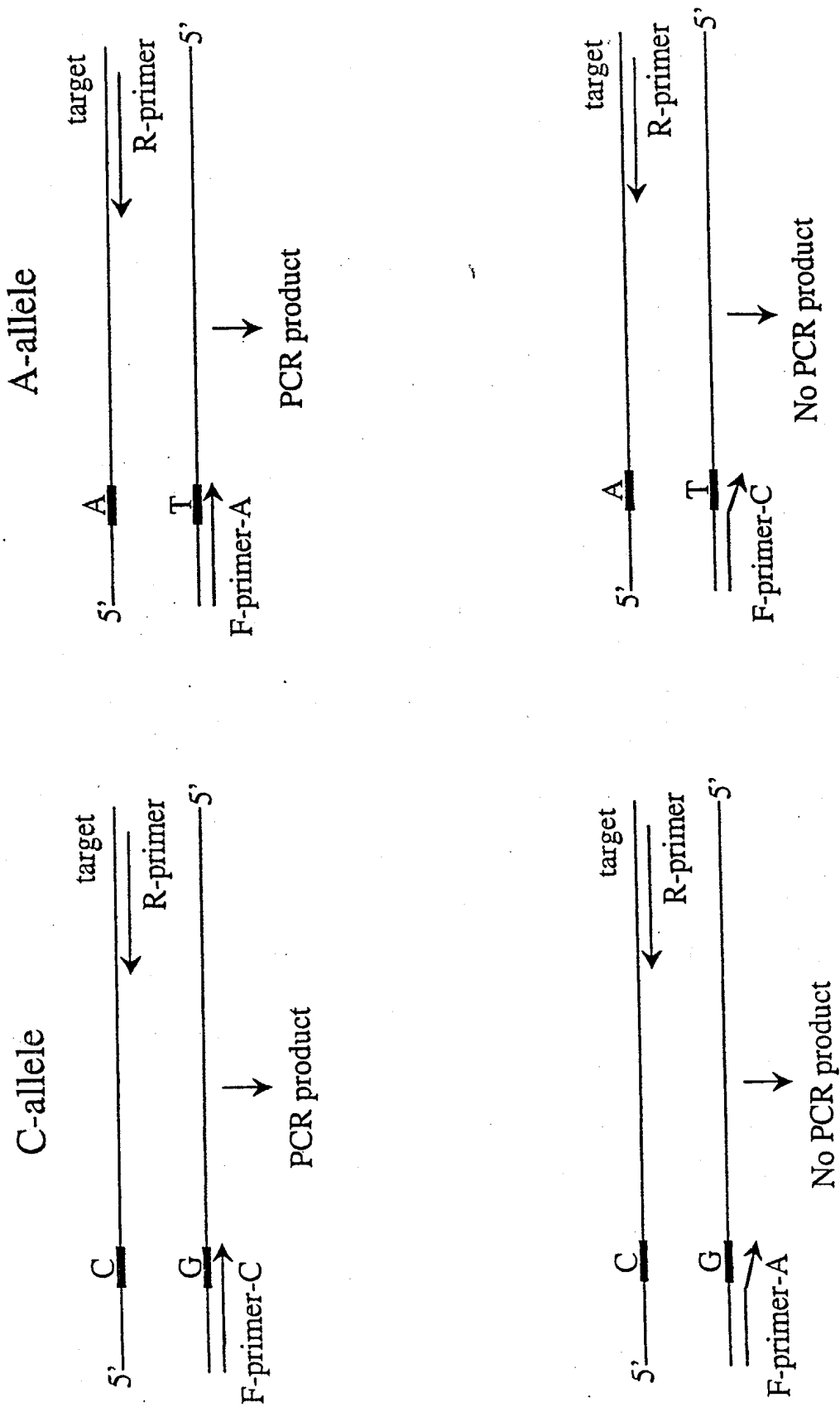
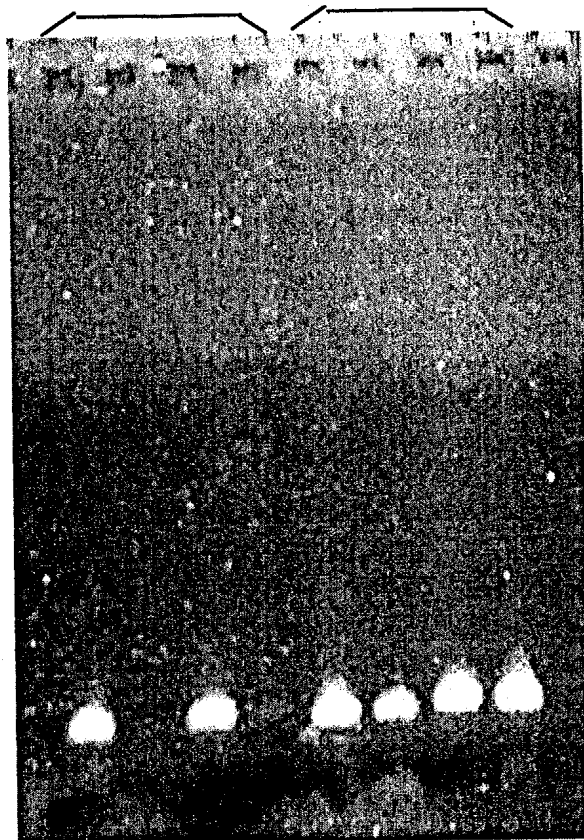


FIGURE 10

modified unmodified



1 2 3 4 5 6 7 8

FIGURE 11

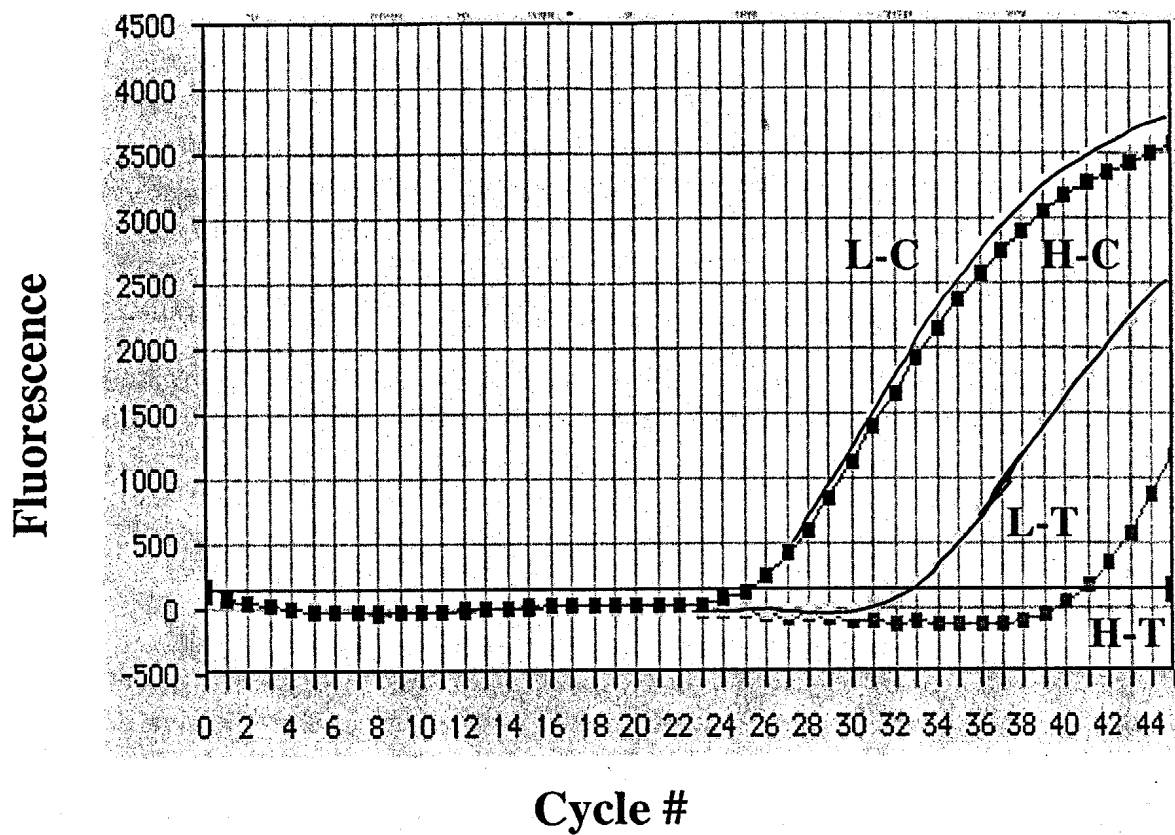


FIGURE 12

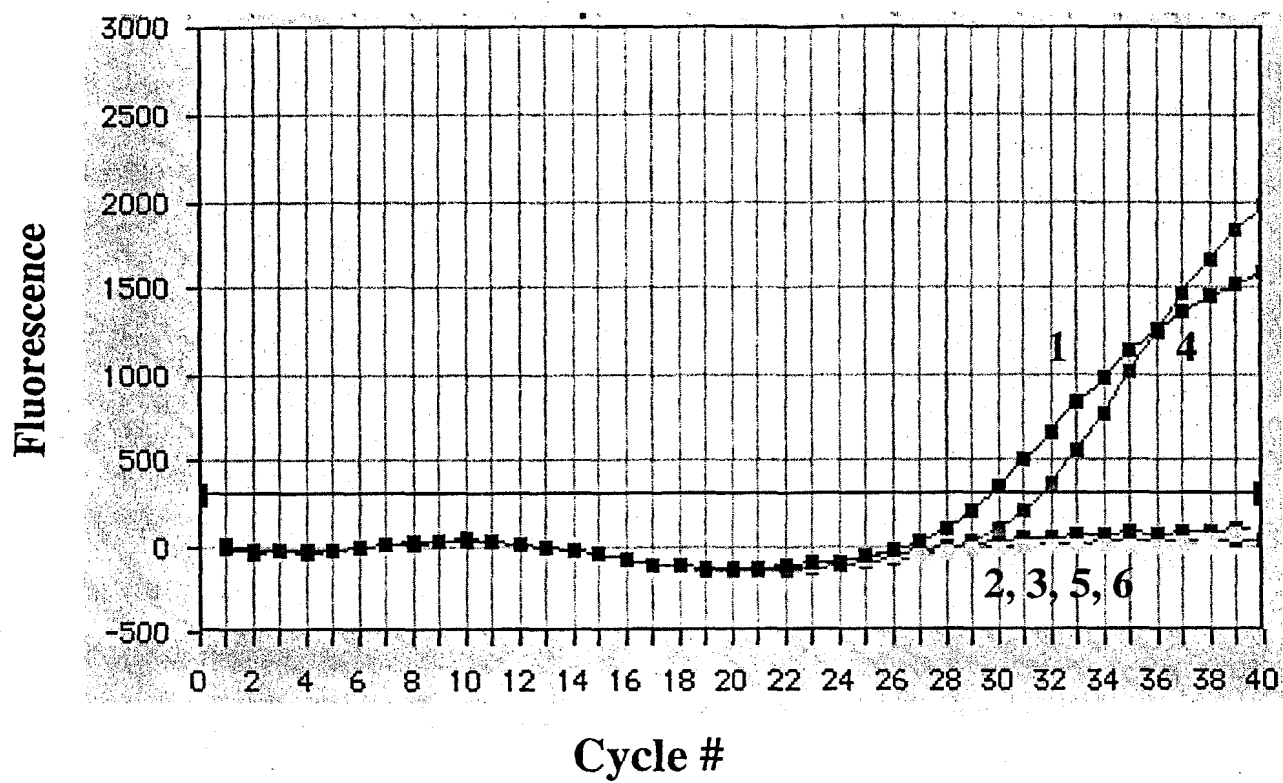
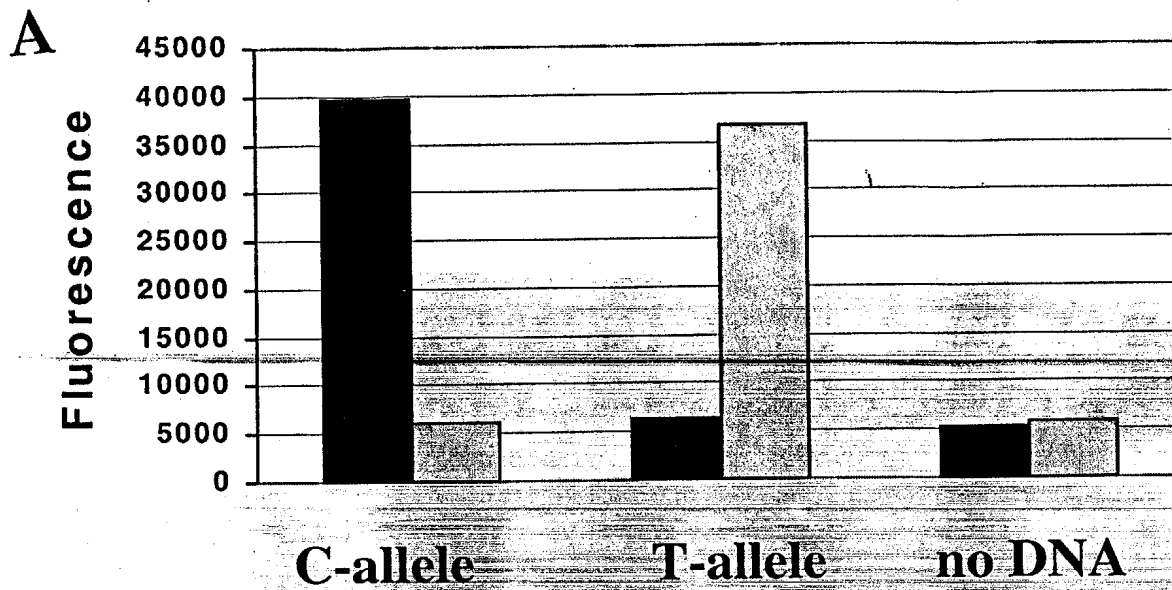
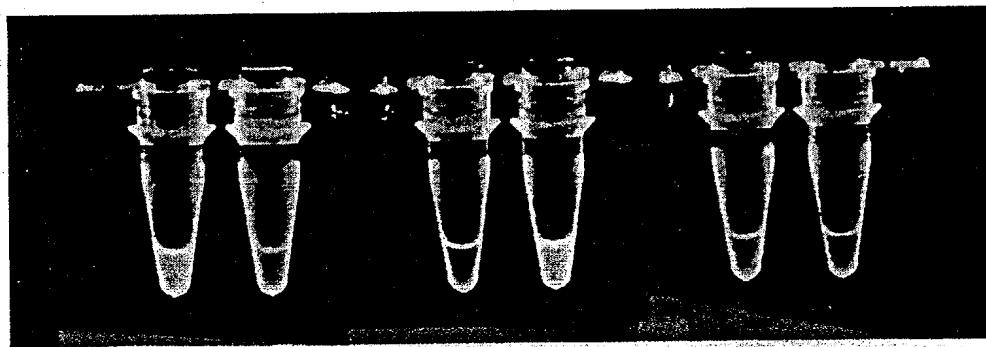


FIGURE 13



B



1 2

3 4

5 6



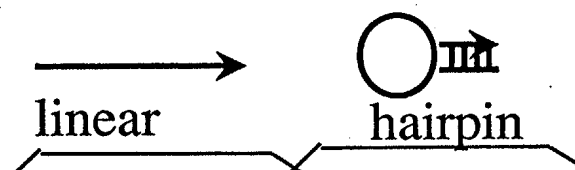
C-primer



T-primer

FIGURE 14

Primer



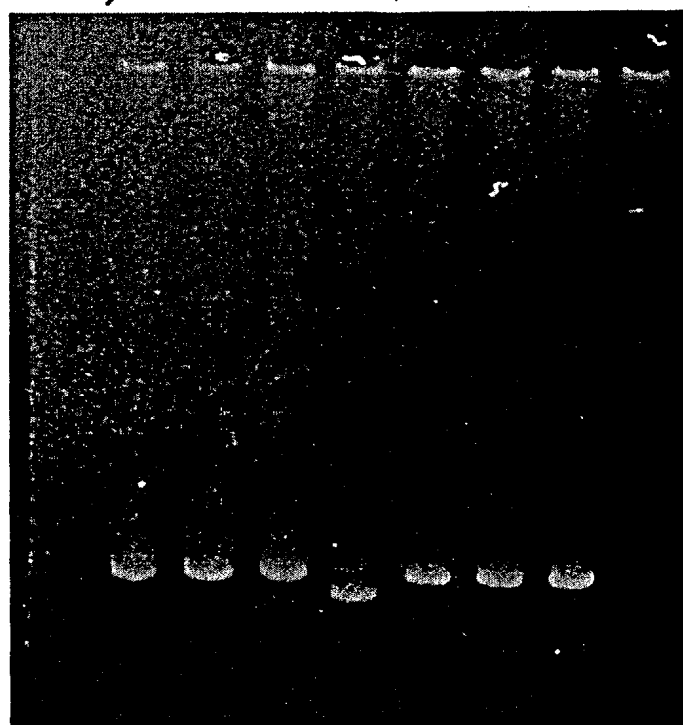
IL4 cDNA

1, 5 - 10^6 copies

2, 6 - 10^4 copies

3, 7 - 10^2 copies

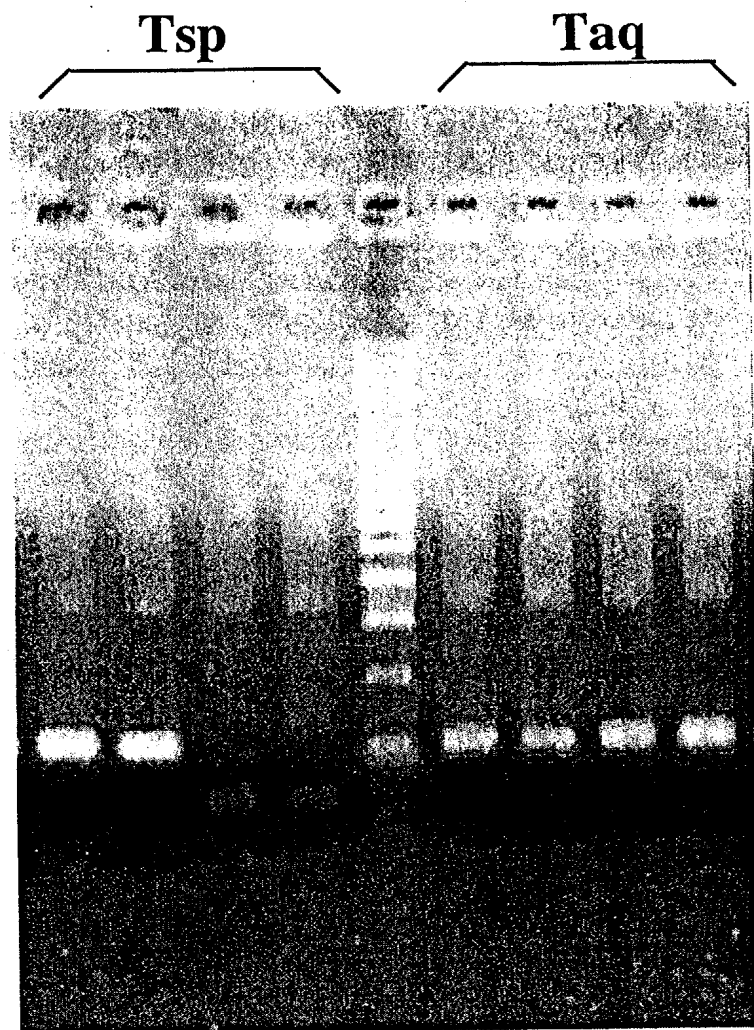
4, 8 - 0 copies



PCR product
Primer-dimer

1 2 3 4 5 6 7 8

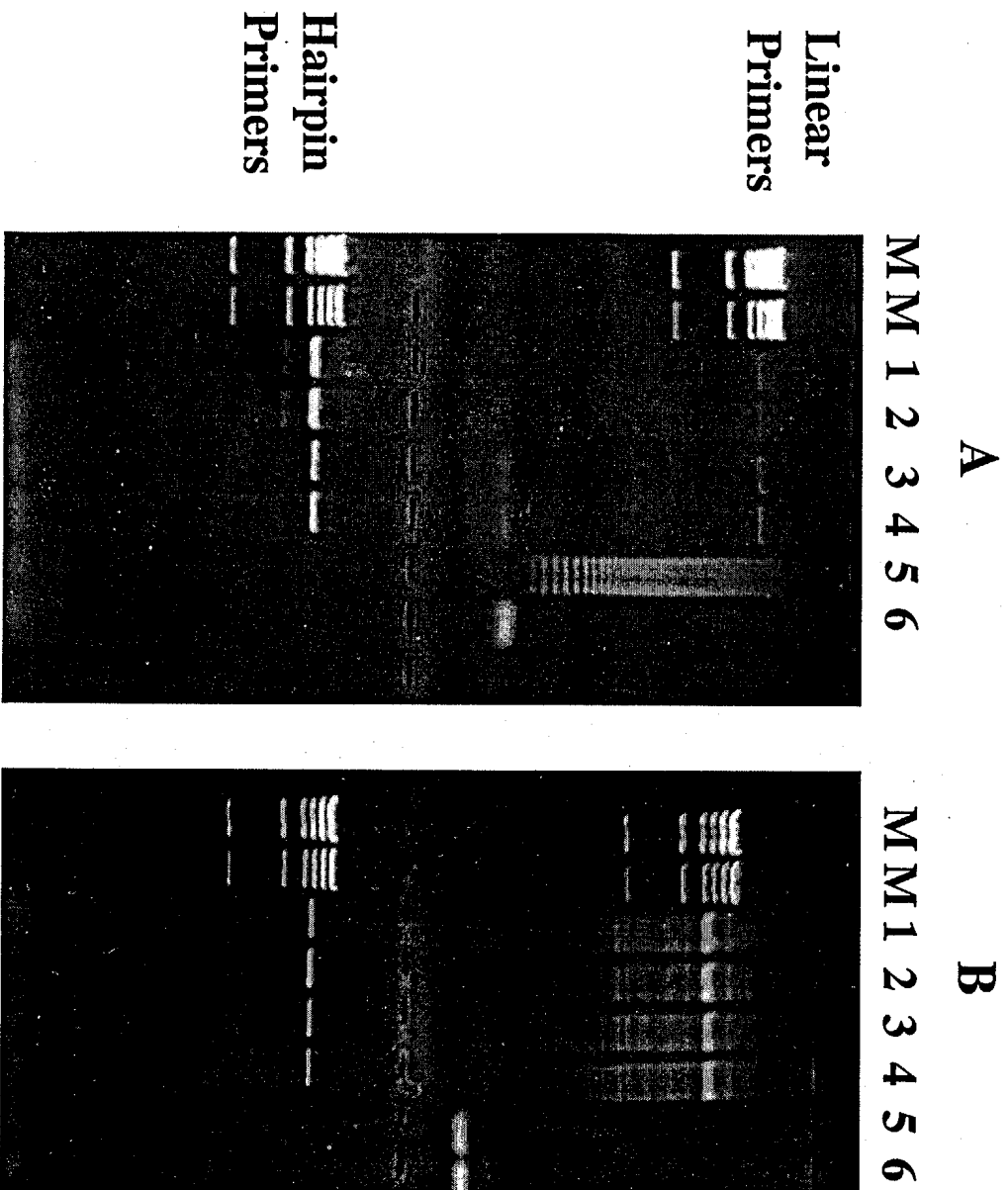
FIGURE 15



- 1 - 297 WT
- 2 - 300 WT
- 3 - 297 C→T Mut
- 4 - 300 G→T Mut
- M - 100 bp marker

1 2 3 4 M 4 3 2 1

FIGURE 16

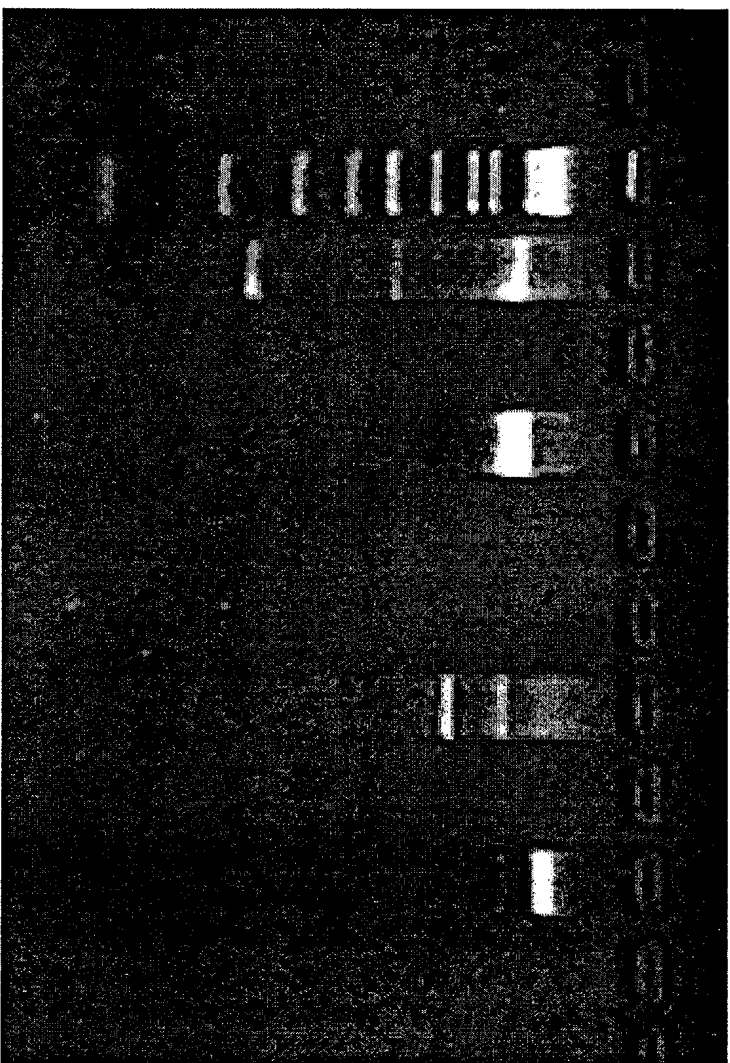


M-1 kb marker
 1, 2 - 50 ng DNA
 3, 4 - 20 ng DNA
 5, 6 - no DNA

FIGURE 17

+
 +
 +
 +
 +
 +

M 1 2 3 4 5 6 7 8

[illegible]